						0.61	**76512.12**	46687.
18	Plastering-Internal:- Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonary including rounding off corners wherever required smooth rendering: Providing and removing scaffolding, Providing Lime rendering for plastering to ceiling including cost of materials, labour, curing complete as per specifications. As Per Direction of Engineer Incharge							
	Inside plastering	Sqm						
	Bath/toilet		20	7.80	-	2.40	374.40	
	Corridor		1	33.80	-	2.40	81.12	
							455.52	
	Deduction:-							
	D		1	0.90	-	2.10	1.89	
	D1		20	0.75	-	2.10	31.50	
	V		20	0.75	-	0.60	9.00	
							42.39	
		Net Qty =		**455.52**	**-**	**42.39**	**413.13**	
							413.13	**310.04**	**128086.7**
19	For External Plastering:- Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonary including rounding off corners wherever required smooth rendering: Providing and removing scaffolding, including cost of materials, labour, curing, complete as per specifications.As Per Direction of Engineer Incharge.							
	Outside plastering	Sqm						
	Outer length		1	42.20		2.40	101.28	
	Deduction:-							
	D		1	0.90	-	2.10	1.89	
	V		20	0.75	-	0.60	9.00	
							10.89	
				10.89	/	2.00	5.45	
		Net Qty =		**101.28**	**-**	**5.45**	**95.84**	
							95.84	**310.04**	**29712.6**
20	Providing ceramic tiles of approved make, shade and size 30 x 30cms for flooring, treads of steps and landings laid on a bed of 12mm thick cement mortor 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. As Per Direction of Engineer Incharge							
	Bath	Sqm	10	1.40	1.50	-	21.00	
	Toilet		10	1.40	1.50	-	21.00	
	Corridor		1	15.10	1.80	-	27.18	
							69.18	

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						69.18	**1437.35**	**99435.83**
1	Providing skirting dado, raises of steps with colour glazed tiles 15x15cms 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using galzed tiles of approved amke and size including cost of materials, labour, complete as per specifications. As Per Direction of Engineer Incharge							
	Bath	Sqm	10	5.80	-	2.10	121.80		
	Toilet		10	5.80	-	2.10	121.80		
	Corridor		1	33.80	-	2.10	70.98		
							314.58		
	Deduction:-								
	D		1	0.90	-	2.10	1.89		
	D1		10	0.75	-	2.10	15.75		
	D1		10	0.75	-	2.10	15.75		
	W		1	1.20	-	0.90	1.08		
							34.47		
		Net Qty =		**314.58**	-	**34.47**	**280.11**		
							280.11	**1509.81**	**422913.08**
2	Providing and fixing 65mmx125mm **GRP Doorframe** fabricated using E-Glass Chopped Strand Mat (CSM) U.V- stabilized Isopthalic Gelcoat and Isopthalic resin. The thickness of the GRP skin shall not be less than 2.0mm. The doorframe consists of four segments, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screws. The GRP frame shall be provided with wooden reinforcement on 6 locations for high screw holding capacity for fixing metalling hold fast and shall be consolidated by filling with medium density foam/Plaster of Paris with fibre reinforcement. Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat hold fast shall be provided with the frame. I No 9.96/63							
	D	Mtr	1	6.60	-		6.60		
	D1		20	6.30	-		126.00		
	Basic Rate	=	550.00				**132.60**		
	6% Area weightage	=	33.00						
	TP =+9.99%		58.24						
	Total	=	**641.24**				**132.60**	**641.24**	**85028.65**

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23	Providing and fixing **factory made** single leaft rigid GRP Sandwich **composite door shutter** of 32mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V- stabilizes Isopthalic Gelcoat and on layer of 45 gms E-Glass Chopped strand Mat (CSM), impregnated with orthopthalic polyster resin. The thickness of the skins shall not be less than 1.5mm. Expanded polystyrene (EPS) structural foam panel of 29mm thickness and a density of 20kg/m3 shall be used as core material. Wooden reinforcements made of seasoned salwood block of cross section not less than 28mmx32mm and also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles etc., shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core materials, the salwood reinforcement and the skins. The material and process for manufacturing the door shutters ahall confirm to RV/TIFAC composites design centre standards and specifications and the door shutters tested in confiramation to IS 4020-1994. The finish of shutter will be plain colour white/ivory/beige/light grey or any other colour using high quality pigments. Exclusing cost of fixtures and inclusive of supply of shutters to respective work spot. (P.No.62, I.No.9.93)								
	D	Sqm	1	0.90	-	2.10	1.89		
	D1		20	0.75	-	2.10	31.50		
	Basic Rate	=	3000.00				**33.39**		
	6% Area weightage	=	180.00						
	TP =+9.99%		317.68						
	Total	=	**3497.68**			**33.39**	**3497.68**		116787
24	"Providing and fixing cold rolled prepainted steel windows of IS standards, made out of 0.6mm thick deep drawing quality galvanised on both sides 120gms/sq.mtr. Primer coat upto 5 microns with thermosetting epoxy resin and finish painted with a polyester based paint 20 microns thick. The size of profiles is approximately 46x52mm for external frames, 46x46mm section for shutters, 46x70mm section for centre mullion/transom and 18x31mm section is for fixing glasses. The section should be cut to length joint mitred and assembling by means of corner brackets made out of cold rolled cold annealed strips of 1.2mm thick duly galvanised and fixed with nickle plated self taping screws. The shutters are provided with approved quality of fixtures like handles made out of zamac alloy die cast and powder coated, receiver made out of glass filled nylone and hinges made out of CRCA powder coated. 4mm thick glass should be fixed with EPDM gaskets. Guard bars fabricated out of 10mm square bright bars shall be fixed horizontally at 125mm C/C by rivetting to the external frame. The above frames are fixed to the concrete / masonry walls by means of self expanding screws." c) - do- with 4mm float glass with gaurd bars I No 7.24.1 (c)/41								
	V	Sqm	20	0.75	-	0.60	**9.00**		
	Basic Rate	=	5250.00						
	6% Area weightage	=	315.00						
	TP =+9.99%		555.94						
	Total	=	**6120.94**			**9.00**	**6120.94**		55088.4
25	Providing and fixing M.S.grill work for windows and ventilators weighing 21 kg/sqm using M.S. flats, or M.S.square rods, or combination of M.S.flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifictions. As Per Direction of Engineer Incharge								
		Kgs	1	1.20	0.90		**1.08**		

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				1.08	x	25kg/sqm	**27.00**		
							27.00	**112.85**	**3046.94**
6	KSRB15-7 : Providing **lime rendering for plastering to wall** and ceiling, including cost of materials, labour, curing complete as per specifications. I No 15.33/117								
	Bath/toilet	Sqm	20	7.80	-	0.30	46.80		
	Corridor		1	33.80	-	0.30	10.14		
	Basic Rate	=	32.00				**56.94**		
	6% Area weightage	=	1.92						
	TP =+9.99%		3.39						
	Total	=	**37.31**				**56.94**	**37.31**	**2124.35**
7	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification.As Per Direction of Engineer Incharge								
	Bath/toilet	Sqm	20	7.80	-	0.30	46.80		
	Corridor		1	33.80	-	0.30	10.14		
							56.94		
							56.94	**92.66**	**5275.81**
8	KSRB 15-14.1 : Providing and applying two coats with ***oil bound washable distemper*** of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. I No 15.49.1/119								
	Inside wall	Sqm							
	Bath/toilet		20	7.80	-	0.30	46.80		
	Corridor		1	33.80	-	0.30	10.14		
	Basic Rate	=	110.00				**56.94**		
	6% Area weightage	=	6.60						
	TP =+9.99%		11.65						
	Total	=	**128.25**				**56.94**	**128.25**	**7302.46**
9	KSRB 15-16.1 : Providing and finishing external walls in two coats with ***waterproof cement paint*** of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. -do- with primer I No 15.53.2/120								
	Outside painting	Sqm							
	Outer length		1	42.20		2.40	**101.28**		
	Deduction:-								
	D		1	0.90	-	2.10	1.89		
	V		20	0.75	-	0.60	9.00		

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							10.89		
				10.89	/	2.00	5.45		
		Net Qty =		**101.28**	-	**5.45**	**95.84**		
	Basic Rate	=	102.00						
	6% Area weightage	=	6.12						
	TP =+9.99%		10.80						
	Total	=	**118.92**				**95.84**	**118.92**	11396
30	KSRB 15-16.3 : Extra for providing and applying every subsequent coat of waterproofing cement paint of approved brand and shade for Item no.15-16.1 cost of materials, labour, complete as per specifications. I No 15.53.3/120								
	Extra for two coat Outside painting								
	Outer length	Sqm	1	42.20		2.40	**101.28**		
	Deduction:-								
	D		1	0.90	-	2.10	1.89		
	V		20	0.75	-	0.60	9.00		
							10.89		
				10.89	/	2.00	5.45		
		Net Qty =		**101.28**	-	**5.45**	**95.84**		
	Basic Rate	=	34.00						
	6% Area weightage	=	2.04						
	TP =+9.99%		3.60						
	Total	=	**39.64**				**95.84**	**39.64**	3798.9
31	Providing and applying enamel metal paint two coats (Excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materails, labour, complete as per specifications As Per Direction of Engineer Incharge								
	W-Grill	Sqm	1	1.20		0.90	1.08		
	V		20	0.75	-	0.60	9.00		
							10.08		
32	Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials,with 110mm outer diaAs Per Direction of Engineer Incharge						**10.08**	**112.85**	1137.5
		Mtr	15	6.00			**90.00**		
33	Constructing brick masonry inspection chamber 600 x 600mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame (light duty) 600 x 600mmAs Per Direction of Engineer Incharge						**90.00**	**719.86**	64787.6
		Nos	20				**20.00**		

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						20.00	**10085.20**	**201704.06**
34	Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials,with 110mm outer diaAs Per Direction of Engineer Incharge							
		Mtr	1	60.00			**60.00**		
							60.00	**719.86**	**43191.75**
35	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 25mm nominal OD pipes As Per Direction of Engineer Incharge							
		Mtr	1	75.00			**75.00**		
							75.00	**348.05**	**26103.93**
36	Providing and fixing chorinated poly venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall)-20mm diaAs Per Direction of Engineer Incharge							
		Mtr	1	50.00			**50.00**		
							50.00	**279.15**	**13957.73**
37	Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 As Per Direction of Engineer Incharge							
		Nos	5				**5.00**		
							5.00	**5887.19**	**29435.96**
38	KSRB 11-1 : Providing and fixing white vitreous china clay, ***water closet Indian type (Squatting pan)*** of size 580mm with footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 I No 12.1/79							
		Nos	5				**5.00**		
	Basic Rate	=	3506.00						

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	6% Area weightage	=	210.36						
	TP =+9.99%		371.26						
	Total	=	**4087.62**				**5.00**	**4087.62**	20438.
38	Providing and fixing white vitreous china clay, flat back wash basin size 550x400mm with a single 15mm C.P brass pillar tap with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11. As Per Direction of Engineer Incharge								
		Nos	6				**6.00**		
							6.00	**3588.62**	21531.
39	Providing Pedestal for wash basin of approved 1st quality and make conforming to ISI specifications and fixing for low down cistern as directed, rate includes cost of materials and conveyance to work spot. As Per Direction of Engineer Incharge								
		Nos	6				**6.00**		
							6.00	**1069.10**	6414.6
40	-Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost materials, labor complete as per specifications (As Per Direction of Engineer Incharge								
		Nos	8				**8.00**		
							8.00	**1349.45**	10795.5
41	Providing and fixing C.P. brass towel rail 740mm length, 20mm dia with C.P. brackets, fixed to wooden cleats with C.P. brass screws including cost of materials, labor complete as per specifications. As Per Direction of Engineer Incharge								
		Nos	15				**15.00**		
							15.00	**877.85**	13167.7
42	Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3. As Per Direction of Engineer Incharge								
		Eac	35				**35.00**		
							35.00	**205.51**	7192.6

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3	KSRB 12-5.5 : Constructing ***brick masonry circular type*** manhole 1.52 m internal dia at bottom, 2.30m deep and 0.56m dia at top, with table moulded and non-modular bricks of class designation 50 in cement mortar 1:4, inside cement plaster 12mm thick with cement mortar 1:3, finished with a floating coat of neat cement, foundation concrete M 10 mixed using 40mm and down size granite metal and making necessary channel in cement concrete 1:2:4 mix with 20mm anddown size granite metal, finished with a floating coat of neat cement, with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560mm internal diameter confirming to IS :12592, total weight length of cover and frame to be not less than 182 kg, fixed in cement concrete M 15 20mm and down size broken granite metal, providing and removing centering, shuttering including cost of materials, labour charges, HOM of mechineries complete as per specifications. (Excavation, footrests and 12mm thick cement plaster on the external surface shall be paid seperately) Specification No. KBS 12.4 I No 11.41/74								
		Nos	2				**2.00**		
	Basic Rate	=	45878.00						
	6% Area weightage	=	2752.68						
	TP =+9.99%		4858.20						
	Total	=	**53488.88**				**2.00**	**53488.88**	**106977.77**
4	KSRB 12-6.1 : Providing 20mm square **M.S footrest** and fixing in manhole with M 10 cement concrete block of 20x20x10cms, using 20mm and down size metal of size including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 12.4.6 I No 11.44/75								
		Nos	2				**2.00**		
	Basic Rate	=	276.00						
	6% Area weightage	=	16.56						
	TP =+9.99%		29.23						
	Total	=	**321.79**				**2.00**	**321.79**	**643.57**
5	KSRB 12-7.2 : **Making connection of drain or sewer line** of size 250 to 300mm external dia with existing manhole including breaking into and making good the walls, floors with cement concrete M 15 with 20mm and downsize granite metal, cement plastered on both sides of mix 1:3, finished with a floating coat of neat cement, and making necessary channels for the drain, including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS I No 11.47/75								
		Nos	5				**5.00**		
	Basic Rate	=	2691.00						
	6% Area weightage	=	161.46						
	TP =+9.99%		284.96						
	Total	=	**3137.42**				**5.00**	**3137.42**	**15687.10**
6	Providing, fabricating and fixing profiled **poly erethane insulated roof** of 1,06m width and 7,60m length sheets roof having external sheet of 0.5mm steel with powder coated finish, bottom sheet of 0.4mm steel with powder coated finish. The roofing system shall have water proof over lapping arrangement at the inter section of two sheets the fasting shall be of self tapping screws dia 6.3mm or required length with PVC head along with washer pre-painted aluminium cap unit with build in seal arrangements. The entire roof shall be firmly fasteed to the existing frame I No 38.43/308								
	Roof sheet	Sqm	1	18.00	8.00		**144.00**		
	Basic Rate	=	2008.00						

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	6% Area weightage	=	120.48						
	TP =+9.99%		212.64						
	Total	=	**2341.12**			**144.00**	**2341.12**		337120
47	***M S tube*** (Sl No 301, Code No. 2091) Rate = 220.34/m Adding fixing, labour, painting welding, transportation charges etc., 40% = **Rs. 308.48**								
		Sqm	10	18.50			185.00		
			12	9.00			108.00		
	Basic Rate	=	308.48				**293.00**		
	6% Area weightage	=	18.51						
	TP =+9.99%		32.67						
	Total	=	**359.65**			**293.00**	**359.65**		105378
48	Providing and placing on terrace. Polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 litre capacity) Specification NO. KBS 13.22As Per Direction of Engineer Incharge								
		Nos	6				**6.00**		
							6.00	**8110.93**	48665
								Total Grand	**6190284.8**

CERTIFICATE:

1 The work spot has been inspected by me and the work is found to be necessary.

2 The estimate is prepared as per PW, P&IWTD S.R Bangalore circle for the year 2018-2019.

3 The Provisions made in the estimate are quite necessary and adequate.

4 The area comes with in the BBMP limits.

Consultants

Assistant Engineer
Ward No 17
BBMP

Assistant Executive Engineer
Project - RR Nagara
BBMP

Executive Engineer
Project - RR Nagara
BBMP

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BRUHAT BANGALORE MAHANAGARA PALIKE

Project Division, RajaRajeswari Nagara Zone.

NAME OF THE WORK: Modified of Additional works to construction of shuttle cock Ground In Ward No 17 RR Nagar constituency

Additional Works to construction of Shuttle cock Ground in Ward no.17 J.P.Park RR Nagara Constituency.

					Estimate Cost Rs:			600.00 Lakh	
Sl No	Description of work	Unit	No	Length m	Breadth m	Depth m	Quantity	Rate in Rs	Amount in Rs
1	KSRRB M200-15.6 Dismantling Brick / Tiles Work. Dismantantling Boulders laid in wire crates including opening of crates and stacking dismantled materials. (P.No 140 It nO. 18.31 PWD SR 2018-19)								
		Cum							
	Door opening to Ladies Toilet		1	0.90	0.20	2.40	0.43		
	Office Entrance Dismantling		1	4.30	0.20	3.00	2.58		
							3.01		
	Deductions								
			1	1.20	0.20	2.10	0.50		
							2.51	**294.60**	**739.00**
2	KSRB 2-2.2 : Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in Hard soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, (P.No.6, I.No 2.4 of PW,P&IWTD S.R 2018-19)								
	For RCC Wall	Cum	1	51.00	0.60	1.00	30.60		
			1	61.30	0.60	1.00	36.78		
	Building All Round CC Kerb		1	87.00	0.30	0.30	7.83		
			2	24.00	0.30	0.30	4.32		
			1	10.00	0.30	0.30	0.90		
	For Steps		1	3.50	2.50	1.00	8.75		
			1	2.50	1.50	1.00	3.75		
			1	3.00	1.50	1.00	4.50		
	For Ladies Toilet		2	12.95	1.10	2.05	58.40		
			4	4.63	1.10	2.05	41.72		
	Partition Wall		1	5.75	0.90	1.50	7.76		
			5	2.20	0.90	1.50	14.85		
			1	4.63	0.90	1.50	6.25		
	Compound Wall		1	13.00	0.90	1.50	17.55		
	Over Burden Earth		1	3.00	4.00	1.00	12.00		
							255.97	**533.36**	**136522.00**
3	Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor,along the external perimeter of building,expansion joints,over the top surface of consolidated earth on which apron is to be laid,surrounding of pipes and conduits with chloropyriphos emulsifiable concentrates of 20%								
	Plinth Area	**Sqm**	1	12.95	5.75	--	**74.4625**		
							74.4625	**125.92**	**9376.00**

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Sl No	Description of work	Unit	No	Length m	Breadth m	Depth m	Quantity	Rate in Rs	Amount in Rs
4	KSRRB M300-Construction of Embankment with material gravel/murrum. KSRRB M300-53: construction of embankment with approved material gravel/murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement table 300-2 complete as per specifications. (which includes cost of gravel/murrum, watering charges & compaction by vibratory roller) MORTH specification (P.No.147, I.No.19.60 of PW,P&IWTD S.R 2018-19)								
	Item Not Operated								
5	KSRRB M400-17: Providing, laying spreading and compacting graded stones aggregate to wet mix macadam specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH specification NO. 406, (P.No.155, I.No.20.18 of PW,P&IWTD S.R 2018-19)								
	Item Not Operated								
6	KSRB-4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, (P.No.13, I.No.4.2 of PW,P&IWTD S.R 2018-19)								
	For RCC Wall	Cum	1	51.00	0.60	0.15	4.59		
			1	61.30	0.60	0.15	5.52		
	Building All Round CC Kerb		1	87.00	0.30	0.15	3.92		
			2	24.00	0.30	0.15	2.16		
	For Steps		1	3.50	2.50	0.15	1.31		
			1	2.50	1.50	0.15	0.56		
			1	3.00	1.50	0.15	0.68		
	Fondation bed (Ladies Toilet)		2	12.95	1.10	0.15	4.27		
	Partition wall		1	5.75	0.90	0.15	0.78		
			1	4.63	0.90	0.15	0.63		
			5	2.20	0.90	0.15	1.49		
	Flooring Bed		1	12.50	4.57	0.10	5.71		
	Compound walll		1	13.00	0.90	0.15	1.76		
							33.36	**6169.91**	**205824.00**
7	KSRB 5.2-3: Providing and constructing granite size stone masonry in foundation with cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materaials, labour, curing complete asper specifications. Specifcation No. KBS 5.1.13. (P.No.25, I.No.5.6 of PW, P&IWTD SR 2018-19)								
	For Steps	**Cum**	1	3.50	2.50	0.80	7.00		
			1	2.50	1.50	0.80	3.00		
			1	3.00	1.50	0.80	3.60		
	Ladies Toilet		1	12.95	0.95	0.60	7.38		

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Sl No	Description of work	Unit	No	Length m	Breadth m	Depth m	Quantity	Rate in Rs	Amount in Rs
			1	12.95	0.75	0.60	5.83		
	Partition Wall		1	5.75	0.75	0.80	3.45		
			1	12.95	0.60	0.60	4.66		
			1	5.75	0.60	0.80	2.76		
			5	2.20	0.60	0.80	5.28		
			5	2.20	0.75	0.80	6.60		
	Compound wall		1	13.00	0.60	0.60	4.68		
							54.24	**5459.55**	**296132.00**
8	Providing and Constructing Granite /size stone masonry in Basement with cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materaials, labour, curing complete asper specifications. Specifcation No. KBS 5.1.13. (P.No.25, I.No.5.9 of PW, P&IWTD SR 2018-19)								
	Ladies Toilet		1	12.95	0.45	0.40	2.33		
	partition Wall		1	5.75	0.45	0.40	1.04		
	Compound Wall		1	13.00	0.45	0.40	2.34		
							5.71	**6513.21**	**37164.00**
9	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2(P.No.13, I.No. 4.6 of PWD SR 2018-19)								
	Coping								
			1	12.95	0.45	0.15	0.87		
			1	5.75	0.45	0.15	0.39		
	Compound Wall		1	13.00	0.45	0.15	0.88		
		Cum					**2.14**	**6440.75**	**13781.60**
10	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications.								
	For RCC Wall Footing	Sqm	2	51.00	--	0.30	30.60		
			2	61.30	--	0.30	36.78		
							67.38	**306.48**	**20650.00**
11	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters, bittresses, plinth and string course including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 (P.No.16, I.No.4.21 of PW,P&IWTD SR 2018-19)								
	For RCC Wall	Sqm	2	51.00	--	1.00	102.00		
			2	61.30	--	1.00	122.60		
	Water Storage Tank Room		1	9.14	--	0.15	1.37		
							225.97	**425.27**	**96098.00**
12	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides & soffits of beams, beam hauncing cantilever girders, bressumers & lintels & not exceeding 1.0 in depth including cost of all materials, labour complete as per specifications. - (P.No.17, I.No.4.34 of PW,P&IWTD SR 2018-19)								

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Sl No	Description of work	Unit	No	Length m	Breadth m	Depth m	Quantity	Rate in Rs	Amount in Rs
	For RCC Plinth Beam	Sqm	4	12.95	--	0.30	15.54		
			8	2.15	--	0.30	5.16		
			8	4.70	--	0.30	11.28		
			4	1.06	--	0.30	1.27		
			2	5.75	--	0.30	3.45		
	For RCC Chejja		3	1.00	--	0.60	1.80		
			3	2.20	--	0.10	0.66		
			1	1.60	--	0.60	0.96		
	For RCC Lintel		3	0.90	--	0.15	0.41		
			1	1.50	--	0.15	0.23		
			1	2.00	--	0.10	0.20		
			2	12.95	--	0.20	5.18		
			4	4.63	--	0.20	3.70		
			1	0.90	--	0.20	0.18		
			2	1.20	--	0.20	0.48		
	For Roof Beam		2	12.95	--	0.45	11.66		
			2	4.63	--	0.45	4.16		
			6	4.63	--	0.30	8.33		
			2	12.50	--	0.30	7.50		
			1	12.50	--	0.15	1.88		
							84.01	**346.86**	29140.0
13	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Flat surfces such as suspended floors ,roofs,landings,balconies and likes,thickness above 200mm including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 (P.No.16, I.No.4.30 of PW P&IWTD SR 2018-19)								
	For RCC Roof	Sqm	1	12.80	--	4.55	58.24		
	Water Storage tank		1	2.50	--	2.14	5.35		
							63.59	**522.67**	33237.0
14	KSRB 4.2.3 : Providing and laying in position plain reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates @0.47cum, with superplasticisers @3ltrs confirming to IS9103-1999 Reaffirmed -2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, walls(any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification. (P.No.14, I.No.4.12 of PW P&IWTD S R 2018-19)								
	For RCC Wall Footing	Cum	1	51.00	0.60	0.30	9.18		
			1	61.30	0.60	0.30	11.03		
	For RCC Wall		1	51.00	0.15	1.00	7.65		
			1	61.30	0.15	1.00	9.20		
	For RCC Plinth Beam		2	12.95	0.30	0.30	2.33		
	For RCC Roof Beam		2	13.10	0.15	0.30	1.18		
			3	4.40	0.15	0.30	0.59		
			1	4.63	0.30	0.30	0.42		
	RCC Lintel		1	12.95	0.15	0.30	0.58		
			1	4.63	0.15	0.30	0.21		
	RCC Roof Slab		1	13.10	4.70	0.15	9.24		

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Sl No	Description of work	Unit	No	Length m	Breadth m	Depth m	Quantity	Rate in Rs	Amount in Rs
	Water Storage Tank Room								
			1	2.50	2.50	0.15	0.94		
							52.54	**7180.81**	**377302.00**
15	Providing and laying i position Reinforced cement concrete of design Mix M20 with OPC @ 27.20kgs, with 12mm and Down Size graded granite metal coarse aggregate @ 0.05865cum and fine aggregate @0.0391 cum, with Super plasticisers @0.225lts, machine mixed , well compacted for plain Chajja of 8.5cms. Average thickness ,upto ground floor level, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification. (P.No.15, I.No.4.20 of PW, P&IWTD S.R 2018-19)								
	RCC Chajja								
			1	5.00	--	0.60	3.00		
			2	2.00	--	0.60	2.40		
							5.40	**589.19**	**3182.00**
16	KSRB - 4.9.2: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3. TMT Bars Fe-500 (P.No.18, I.No.4.46.2 of PW, P&IWTD SR 2018-19)								
	Steel	Tonne		**Qty**	**Per Cum**		**Total Qty in kg**		
	For RCC Wall Footing			20.21	165.00	--	3335.31		
	RCC wall			16.85	165.00		2779.43		
	Ladies Toilet.(RCC Roof ,Lintel,Beam)			16.50	160.00		2640.00		
	Water Storage Tank Room			1.80	140.00		252.00		
							9006.74	**Kg**	
							9.01	**MT**	
						Say	**9.01**	**76512.12**	**689124.00**
17	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications.M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum)(Pg No.								
	Not Operated								
18	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.(Pg No. 176 It No.22.7PWD SR 2018-19)								

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Sl No	Description of work	Unit	No	Length m	Breadth m	Depth m	Quantity	Rate in Rs	Amount in Rs
	Not Operated								
19	Providing groove cutting for width of 5mm to 10mm and depth 80mm100mm including cost of cutting machine, generator & HOM, including cost of blade,coolant etc., including cleaning of groove & providing sand and hot bitumen fillars, and								
	Not Operated								
20	Providing and fixing pre cast solid cement concrete kerb stones made out of No. 272.21 C.C 1:2:4 with top and bottom width 114 and 165mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work curing, including cost of all materials, labour hire charges of								
	Item Not Operated								
21	Provoding and applying ready mix priming coat over concrete/masonry/asbestos cement sheet/platered surfaces including preparing the surface after thoroughly cleaning of oil, grease,dirt and other foreign matter, and papering including cost of materials, labour ,complete as per specifications.(P.No.124, I.No.15.80 of PW P&IWTD S.R 2018-19)								
	Building All Round CC Kerb	Sqm	1	87.00	0.30	--	87		
			2	24.00	0.30	--	48		
			1	10.00	0.30	--	10		
	For RCC Wall (Kerb)		2	51.00	--	1.00	102.00		
			2	61.30	--	1.00	122.60		
							370	**43.95**	**16245.**
22	Provoding and applying ready mix spray painting in two coat over concrete/masonry/asbestos cement sheet/platered surfaces including preparing the surface after thoroughly cleaning of oil, grease,dirt and other foreign matter, and papering including cost of materials, labour ,complete as per specifications.(P.No.124, I.No.15.81 of PW P&IWTD S.R 2018-19)								
	Building All Round CC Kerb	Sqm	1	87.00	0.30	--	87		
			2	24.00	0.30	--	48		
			1	10.00	0.30	--	10		
	For RCC Wall (Kerb)		2	51.00	--	0.60	61.20		
			2	61.30	--	0.60	73.56		
							280	**100.97**	**28248.0**
23	KSRB 5-14: Providing and constructing Precast concrete solid blocks with compressive strenght not less than 35Kg/sqm with cement mortar 1:4 masonry (quion, Jamb, closer blocks) with solid concrete blocks of size 40x15x20cms confirming to IS:2185/1965 in superstructure including cost of materials, labour charges, scalffolding, curing etc., complete as per specifications. (P.No.27, I.No.5.27.2 of PW P&IWTD SR 2018-19)								
	Front Steps	Sqm							
			1	3.30	0.15	--	0.50		
			1	2.90	0.15	--	0.44		
			1	2.50	0.15	--	0.38		
			1	2.10	0.15	--	0.32		
			1	1.70	0.15	--	0.26		
	Stadium Ent Step		5	3.30	0.40	--	6.60		

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Sl No	Description of work	Unit	No	Length m	Breadth m	Depth m	Quantity	Rate in Rs	Amount in Rs
	Field To Road		1	2.40	3.30	--	7.92		
			1	2.00	3.30	--	6.60		
			1	1.60	3.30	--	5.28		
			1	1.20	3.30	--	3.96		
			1	0.80	3.30	--	2.64		
			1	0.40	3.30	--	1.32		
	Building Ent								
			1	0.90	3.00	--	2.70		
			1	0.60	3.00	--	1.80		
			1	0.30	3.00	--	0.90		
	Building Ent 2								
			1	0.90	2.30	--	2.07		
			1	0.60	2.30	--	1.38		
			1	0.30	2.30	--	0.69		
	Ladies Toilet Wall								
			2	12.95	3.60	--	93.24		
			2	4.63	3.60	--	33.30		
			1	4.57	3.00	--	13.71		
	Parapet Wall		2	12.95	1.00	--	25.90		
			2	4.57	1.00	--	9.14		
	Water Storage Tank Room		2	2.50	2.14	--	10.70		
			1	2.10	2.14	--	4.49		
			1	10.00	0.80	--	8.00		
			1	6.22	3.00		18.66		
							262.88		
	Deductions								
	V		4	1.00	0.75	0.75	2.25		
	V1		2	1.00	2.10	1.20	5.04		
	Door		2	1.00	0.75	2.10	3.15		
			1	1.00	1.20	2.10	2.52		
			1	1.00	1.20	2.20	2.64		
			2	1.00	1.10	0.60	1.32		
			1	1.00	1.25	2.10	2.63		
			2	1.00	0.75	2.10	3.15		
							22.70		
							240.18	**1132.06**	**271903.00**
24	KSRB 5-15 : Providing and constructing non-load bearing wall with Solid cement concrete solid blocks of size 400x100x200mm having a block density not less than 1800 Kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to I.S: 2185 (part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No. 5.4								
	Toilet Partition Wall	**Cum**	4	2	1	3	24.00		
			1	4.4	1	3	13.20		
			1	1.1	1	3	3.30		
							40.50		
	Deductions								
	Door		1	4	0.75	2.1	6.30		
							34.20	**963.38**	**32948.00**

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Sl No	Description of work	Unit	No	Length m	Breadth m	Depth m	Quantity	Rate in Rs	Amount in Rs
25	providing and fixing Vitrifiedglazed tiles of approved make, quality & Colour of size 1000 x 1000 x 12mm/ 800mm x 1200mm x 12mm thick fixed on bed of 12mm thick cement mortor for flooring, skirting and jointed with neat cement slurry mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains , including cost of all materials , mortor, labour,etc., complete as per specifications. **(Market Rate)**								
	Waiting Room	Sqm	3	4.60	6.30	--	86.94		
	Mazzine Flooring top		1	20.80	5.70	--	118.56		
	Office Room		1	7.50	4.60	--	34.50		
	Toilet Enterance and Washing		1	2.12	2.50	--	**5.30**		
			1	4.45	2.32	--	**10.32**		
	Skirting		1	2.35	2.25	--	**5.29**		
	Waiting Room		1	21.80	--	0.10	2.18		
	Office Room		1	23.10	--	0.10	2.31		
	Toilet Enterance and Washimg		1	9.24	--	0.10	0.92		
							266.33	**3183.81**	847931
26	Supply and installation of approved wooden floor for Indoor Hall-Maple Flooring with PU Sealer and coat polish 20mm, Thickness X 60mm Width X 200mm, third & better grade treated Sleeper of size 30X60mm to be installed 30cm centre to centre 20m professional EPDM Rubber pad inclusive of HOM, Labour etc. as per the direction of the Engineer in Charge **(Data Approved rate)**								
	HALL	Sqm	1	20.80	45.55	--	947.44		
	Deduct Coloumns		-24	0.20	0.70	--	-3.36		
							944.08	**16498.50**	1557590
27	Providing and fixing BWF Standards lime marking and painting using LUSTRE Paint for 13.41 x 6m with 400mm Wide limes settle cock flight checking markings including Labour and transplotation (**Data Aproved Rate)**								
		Each	6	-	-	-	**6.00**	**12098.90**	72593.4
28	Supplying and fixing net pole total weight 200Kg material used Corborundum poles gauge 14 gear top wheel type metal paint type Epoxy paintng movable type portable on wheels Height 5.1ft tapered box with yonex Standard net as per Specifications etc. Comnlete including transporting Instalation at Site **(Data anroved Rate)**								
		Each	6	-	-	-	**6.00**	**35196.80**	211180
29	Providing and laying pattern flooring for staircase treads and risers using the combination 20mm thick ruby red granite @ 66%, 20 mm thick grey granite @ 20%, 20mm thick 20mm thick black granite 14%. The granite materials are laid on existing bed of CM 1:3 20mm thick pointed with colour pigment, including full rounding for nosing, flaming the ruby red granite for 50mm wide curing etc., wide curing etc. complete (P No 109, INo 14.46 of PW P&IWTD SR 2018-19)								
	Toilet Ent Door Grani	Sqm	1	6.40	0.30	--	1.92		
			1	5.30	0.30	--	1.59		
			1	5.30	0.30	--	1.59		
			1	4.80	0.30	--	1.44		
	Ventilator and Windows Top		5	3.00	0.30	--	4.50		
			1	6.80	0.30		2.04		
	Office Doors		1	5.35	0.30	--	1.61		
	Waiting Room		1	9.46	0.30	--	2.84		
	Wooden Box Top		22	4.40	0.55	--	53.24		
			5	3.60	0.55	--	9.90		
	Front Steps								
			1	3.30	1.20	--	3.96		
			1	3.30	0.15	--	0.50		

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Sl No	Description of work	Unit	No	Length m	Breadth m	Depth m	Quantity	Rate in Rs	Amount in Rs
			6	3.30	0.40	--	7.92		
			6	3.30	0.15	--	2.97		
	Stadium Ent Step								
			4	3.00	0.30	--	3.60		
			4	3.00	0.15	--	1.80		
			4	2.30	0.30	--	2.76		
			4	2.30	0.15	--	1.38		
							105.55	**8545.70**	**901981.00**
30	**For Ceiling Plastering**:- Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.No.115, I.No. 15.10 of PWD SR 2018-19)								
	Toilets		1	12.65	4.57		57.81		
	Water Storage tank room		1	2.43	2.43		5.90		
		Sqm					**63.72**	**242.33**	**15440.15**
31	Plastering-Internal:- Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonary including rounding off corners wherever required smooth rendering: Providing and removing scaffolding, Providing Lime rendering for plastering to ceiling including cost of materials, labour, curing complete as per specifications. (P.No.116, I.No. 15.16 of PWD SR 2018-19)								
	For dadooing	Sqm							
	Gents Toilet								
			1	2.50	--	3.00	7.50		
			1	4.50	--	3.00	13.50		
			1	1.15	--	3.00	3.45		
			1	2.40	--	3.00	7.20		
			1	1.30	--	3.00	3.90		
			1	2.00	--	3.00	6.00		
	Toilet								
			2	2.15	--	3.00	12.90		
			2	2.35	--	3.00	14.10		
	Ladies Toilet		2	12.50	--	3.00	75.00		
			6	4.57	--	3.00	82.26		
			8	2.20	--	3.00	52.80		
			2	1.06	--	3.00	6.36		
			1	6.20	--	3.00	18.60		
							303.57		
	Deduction								
	D2		2	0.75	--	2.05	3.08		
	V		2	0.90	--	0.60	1.08		
			1	1.50		0.60	0.90		
	V1		2	0.90		0.60	1.08		
	D1		3	1.20	--	2.05	7.38		
	D		1	0.70	--	2.05	1.44		
			9	0.75	--	2.10	14.18		
			1	0.90	--	2.10	1.89		
							31.02		
						Net Qty	272.56		
						Say	**272.60**	**310.04**	**84517.00**

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Sl No	Description of work	Unit	No	Length m	Breadth m	Depth m	Quantity	Rate in Rs	
32	**For External Plastering:-** Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonary including rounding off corners wherever required smooth rendering: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.15.16 (P.No.116, I.No.15.16 of PWD SR 2018-19)								
			1	12.80		3.60	46.08		
	Toilets		2	4.55		3.60	32.76		
			2	12.80		0.75	19.20		
			2	4.55		0.75	6.83		
			4	12.95		1.00	51.80		
	Parapet wall		4	4.57		1.00	18.28		
			4	2.50		2.14	21.40		
	Storage tank room		4	2.10		2.14	17.98		
			2	10.00		0.80	16.00		
							230.32	**310.04**	
		Sqm							
33	KSRB 15-5.1: Providing rough plastering 15mm thick in single coat with cement mortor 1:4, to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(P.No.117, I.No.15.30 of PW,P&IWTD S.R 2018-19)								
	For dadooing	Sqm							
	Gents Toilet								
			1	2.50	--	2.10	5.25		
			1	4.50	--	2.10	9.45		
			1	1.15	--	2.10	2.42		
			1	2.40	--	2.10	5.04		
			1	1.30	--	2.10	2.73		
			1	2.00	--	2.10	4.20		
	Toilet								
			2	2.15	--	2.10	9.03		
			2	2.35	--	2.10	9.87		
	Ladies Toilet		12	1.06	--	2.10	26.71		
			2	0.76	--	2.10	3.20		
			1	2.72	--	2.10	5.71		
			8	2.15	--	2.10	36.12		
			2	2.43		2.10	10.21		
	Deduction						129.94		
	D2								
	V		2	0.75	--	2.10	3.15		
			2	0.90	--	0.60	1.08		
	V1		1	1.50		0.60	0.90		
	D1		2	0.90		0.60	1.08		
	D		1	1.20	--	2.10	2.52		
			1	0.70	--	2.10	1.47		
			4	0.75	--	2.10	6.30		
			1	0.90	--	2.10	1.89		
							18.39		
						Net Qty	111.55		
						Say	**111.60**	**243.52**	

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Sl No	Description of work	Unit	No	Length m	Breadth m	Depth m	Quantity	Rate in Rs	Amount in Rs
34	KSRB 14-17.2: Providing skirting dado, raises of steps with colour glazed tiles 15x15cms 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using galzed tiles of approved amke and size including cost of materials, labour, complete as per specifications. Specification No. KBS 14.16, 14.17 (P.No.108, I.No.14.41.1 of PW,P&IWTD SR 2018-19)								
	For dadoing								
	Gents Toilet	Sqm							
			1	2.50	--	2.10	5.25		
			1	4.50	--	2.10	9.45		
			1	1.15	--	2.10	2.42		
			1	2.40	--	2.10	5.04		
			1	1.30	--	2.10	2.73		
			1	2.00	--	2.10	4.20		
	Toilet								
			2	2.15	--	2.10	9.03		
			2	2.35	--	2.10	9.87		
	Ladies Toilet		12	1.06	--	2.10	26.71		
			2	2.43	--	2.10	10.21		
			1	2.72	--	2.10	5.71		
			6	2.15	--	2.10	27.09		
			2	2.15	--	2.10	9.03		
			2	0.76	--	2.10	3.19		
							129.93		
	Deduction								
	D2		6	0.75	--	2.10	9.45		
	V		2	0.90	--	0.60	1.08		
	D1		1	1.20	--	2.10	2.52		
	D		1	0.70	--	2.10	1.47		
							14.52		
						Net Qty	115.41		
						Say	**115.50**	**1509.81**	**174383.00**
35	KSRB 14.14-5: Providing ceramic tiles of approved make, shade and size 30 x 30cms for flooring, treads of steps and landings laid on a bed of 12mm thick cement mortor 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. (P.No.108, I.No.14.36.2 of PW,P&IWTD SR 2018-19)								
	Ground Floor	Sqm							
	Toilet		1	2.00	2.50	--	5.00		
			1	1.15	2.50	--	2.88		
			2	2.40	1.60	--	7.68		
			1	1.50	2.30	--	3.45		
			1	2.30	2.20	--	5.06		
	Ladies Toilet		4	1.06	2.15	--	9.12		
			1	1.06	1.16	--	1.23		
			2	0.76	2.15	--	3.27		
							37.68		
						Say	**37.70**	**1437.35**	**54188.00**
36	KSRB - 15.3.11: Providing 20mm thick cement plaster in single coat with cement mortor 1:4, to stone masonry and concrete surface including rounding off corners wherver required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.No. 116, I.No.15.10 of PW,P&IWTD S.R.2018-19)								
	Front Step	Sqm							
			1	3.30	0.60	--	1.98		

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Sl No	Description of work	Unit	No	Length m	Breadth m	Depth m	Quantity	Rate in Rs	Amount in Rs
			1	3.30	0.15	--	0.50		
			1	3.30	0.40	--	6.60		
		5	1	3.30	0.15	--	2.48		
		5	1	3.30					
							3.60		
	Stadium Enterance Step	4	1	3.00	0.30	--			
		4	1	3.00	0.15	--	1.80		
							2.76		
		4	1	2.30	0.30	--	1.38		
		4	1	2.30	0.15	--			
							21.09	**321.92**	6789.0
37	Providing& fixing of glazed 3 track -2 panel sliding windows with mesh made out of multi chambered Upvc section with TPV gaskets having isolated drainage and reinforced with Gl throughout the Window the sliding outer frame having a overall size 108x45mm with reinforcement of 1mm thickness, sash with overall size of 39x58mm with reinforcement of 1.5 mm thickness , mesh sash of overall size 30x48.5 mm reinforced with 1.5 mm of Gl .Glazing bead for fixing kof glass shall be of size 20x18mm & coextruded with gasket, Fiber Glass mesh shall be provided in mesh shutter. Windows shall be provided with 5mm plain float glass, standard hardware and single point locking system of flush lock. Wall thickness of frame, mullion & sash shall be 2-2.2 mm (P.No.309, I.No.38.44.5 of PW,P&IWTD SR 2018-19)								
	Hall Windows	Sqm	22	1.85	--	1.15	46.81		
	Waiting Room windows		2	2.00	--	1.20	4.80		
	Office Room windows		5	2.00	--	1.20	12.00		
	Toilet Passage Windows		3	0.75	--	2.00	4.50		
	V1		5	0.90	--	0.60	2.70		
			5	0.90	--	0.60	2.70		
	V2		1	1.50	--	0.60	0.90		
							74.41	**5840.86**	434590.
38	Providing and fixing Stainless steel 304 grade for staircase railing balconies, ramps, with hand rail, 50mm dia 16 guage hollow pipe wilded to vertical hollw 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia, stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete using by expansion bolts by drilling concerte etc., complete including cost of materials, labours, HOM of machineries and electrical charges, etc., complete as per specification (P.No.45, I.No.7.38 of PW, P&IWTD SR 2018-19)								
	Item Not Operated								
39	KSRB - 7.9: Providing and fixing M.S.grill work for windows and ventilators weighing 21 kg/sqm using M.S. flats, or M.S.square rods, or combination of M.S.flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifictions. Specification No. KBS 7.12 (P.No.34, I.No.7.9 of PW, P&IWTD SR 2018-19)								
	Waiting Room windows		2	1.20	--	2.00	4.80		
	Office Room Windows		5	1.20	--	2.00	12.00		

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Sl No	Description of work	Unit	No	Length m	Breadth m	Depth m	Quantity	Rate in Rs	Amount in Rs
	Toilet Passage Windows		3	0.75	--	2.00	4.50		
			1	1.50	--	0.60	0.90		
	V1		5	0.90	--	0.60	2.70		
			5	0.90	--	0.60	2.70		
							27.60		
	Cosider weight 21kg/sqm		--	--	--	--	579.60		
						Say	**580.00**	**112.85**	**65453.00**
40	KSRB 15-18.2: Providing and applying enamel metal paint two coats (Excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materails, labour, complete as per specifications. (P.No.123, I.No.15.74 of PW, P&IWTD S.R 2018-19)								
	For Grill Painting	Sqm							
	Waiting Room windows		2	1.20	--	2.00	4.80		
	Office Room windows		5	1.20	--	2.00	12.00		
	Toilet passage Windows		3	0.75	--	2.00	4.50		
	V1		8	0.90	--	0.60	4.32		
							25.62	**112.85**	**2891.00**
41	Aluminum plain/perforated/Mirror finish false ceiling VT-35mm (Vertical drop 35 mm) Providing, supplying and erection false ceiling with lay in tile system with aluminum powder coated tiles-Boxer type VT-35 mm fabricated from special aluminum grade 3003/100(Al-Mn) of H-46 to H-48 boxer type panels with Non-metallic finish. Panel details:- The good quality fully finished ceiling systems consists of Aluminum powder coated false ceiling panels comprising 595mmx595mmx 35mm H. This panels are tapered out on all the four sides sloping towards inside and the size is 565mmx565mm. The panels are non combustible fire proof This panels has excellent Aesthetic look and the panels are made out of special imported powder coated aluminum sheet of 0.8mm thick the sheets consists of Aluminum alloy of AA 3003/1100. This special fully finish panels will have solution one where the panels will go drop down by 35 mm and solution two where the panels will go up by 35mm. This panel also have above got perforation and the dia of the perforation is 2mm and the distance between one perforation to another perforation is 10.00mm centre to centre the perforation in the panels are in straight line. These panel are provide with sound absorption mat.(P.No.326, I.No.39.12.4 of PW P&IWTD SR2018-19)								
	Hall		1	20.80	50.50	--	1050.40		
	For Rooms & Toilet		1	20.80	5.70	--	118.56		
							1168.96	**1955.27**	**2285633.00**
42	Providing and Fixing wall paneling using sal woodframe work 2"-2"Sections placed at 2'-0" C/C both horizontally and vertically, front face cladded with 12mm W.P Ply Wood Which will be cladded with veener of approved make and shade finished with polish work (Approved Data Rate)								
	Hall (above Wall)	Sqm	20	4.35	--	4.75	413.25		
			2	4.30	--	4.30	36.98		
			4	3.50	--	4.75	66.50		
			3	3.80	--	4.30	49.02		
			3	3.75	--	4.75	53.44		
	Ofice Room & Waitin	Sqm	1	3.10	--	2.70	8.37		
			1	4.57	--	2.70	12.34		
			1	3.10	--	2.70	8.37		

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Sl No	Description of work	Unit	No	Length m	Breadth m	Depth m	Quantity	Rate in Rs	Amount in Rs
			1	3.53	--	2.70	9.53		
			1	5.10	--	2.70	13.77		
			1	7.50	--	2.80	21.00		
			1	3.80	--	2.80	10.64		
			1	5.77	--	2.80	16.16		
			2	6.70	--	2.80	37.52		
			2	4.87	--	2.80	27.27		
			14	1.7	--	7.65	182.07		
	Hall Coloumns		4	1.00	--	7.60	30.40		
			4	1.35	--	7.60	41.04		
			2	1.00	--	4.50	9.00		
			4	1.30	--	4.50	23.40		
							1070.07		
	Deductions		24	1.80	--	1.10	47.52		
	Office and Waiting Room Windows		4	2.00	--	1.20	9.60		
							57.12		
							1012.95	**9899.10**	1002724
43	Providing & fixing of 2-track X 2-Panel Sliding window made out of multi chambered UPVC (MATCHING To RAL-9016) sections and with minimum TiO2 (titanium Dioxide)at PHR with TPV (Thermo Plastic Vulcanized) and lead free, gaskets -grey colour having isolated drainages and reinforced with galvanized iron profilw through out the window frame. the outer frame having a overall size of 60mm width X 45mm height with reinforcement of1mm thickness and sash with overall size of 39mm X 58mm with GI reinforcement of 1mm for the frame and 1.5mm for the sash .Glazing bead for fixing of glass shall be of size 20mm X 24mm. Windows shall be provided with 5mm plain float glass ,standard hardware & single point locking system with touch lock. wall thickness of frame &sash shall be of 2-2.5mm. maximam possible size- 1219mm X 1219mm. (P.No.308, I.No.38.44.1 of PW.P&IWTD S.R 2018-19).									
	Gents Toilet Door		2	1.80	--	2.10	7.56		
			1	0.90	--	2.10	1.89		
	Ladies Toilet Door		2	1.20	--	2.10	5.04		
							14.49	**3594.56**	52085
44	Providing & fixing in Position UPVC partitions made out of multi chambered UPVC (MATCHING To RAL-9016) sections and with minimum TiO2 (titanium Dioxide)at PHR with TPV (Thermo Plastic Vulcanized) and lead free, gaskets -grey colour having isolated drainages and reinforced with galvanized iron profilw through out the window frame. the outer frame having a overall size of 60mm width X 45mm height with reinforcement of1mm thickness and sash with overall size of 39mm X								
	Office Room		1	3.80	--	3.00	11.40		
			1	3.80	--	2.80	10.64		
			1	3.50	--	2.80	9.80		
							31.84	**5840.86**	185973
45	SOLID PVC DOOR FRAME Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufacturers specification & direction of Engineer-in-charge. (P.No.60, I.No.9.84 of PWD SR 2018-19)								
	Toilet Doors		9	0.75		2.10	**14.18**		
							14.18	**555.93**	7880.36
		Sqm							

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Sl No	Description of work	Unit	No	Length m	Breadth m	Depth m	Quantity	Rate in Rs	Amount in Rs
46	Providing and Fixing on Wall surface 4.0kg/sq.cm H.D.P.E Rain Down water Pipes 110mm Dia with neccessory special like shoes,bends,and offsets fixed with iron clamps ,wall plugs, screws, including cost of materials ,Labour, complete As per Specification. (P No 49 INo 8.19 PW P&IWTD S.R 2018-19)								
	GI Down Water Pipes		12	--	--	9.00	**108.00**	**608.20**	**65686.00**
47	Fabricating supplying and erecting M.S. Angular Truss o all spans as per approved design and drawing. The entire truss is anchored suitably by using 4 nos of M.S anchor bolts at each support, with base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S angle and welding wherever necessary, and applying one materials, labour charges & hire charges of machineries for cutting welding, granding and erection equipments, etc, complete as per specifiestion. (P No 42 INo 7.20 PW P&IWTD S.R 2018-19)								
	Canopy	Kg	2	4.50	3.50	--	31.50		
	Considering 50kg/sqm					kg	**1890.00**		
	31.50*60=1890								
	Window Chajja Frames		22	2.10	1.00	--	46.20		
			22	2.10	1.00	--	46.20		
			44	0.55	1.00	--	24.20		
			44	0.55	1.00	--	24.20		
							140.80		
	Considering 21kg/sqm								
	140.80*21=2956.80					kg	**2956.80**		
	Staircase								
	Ground Floor To Mazzine Floor					Kg	**920.00**		
	Sump tank Cover					Kg	**50.00**		
	Frame work for Lighting								
	Truss work				Kg/m				
	RHS (150x150x5mm)	7	4	2.5	22.26		1558.2		
	RHS (120x60x4mm)	7	2	19.3	10.8		2918.16		
		7	16	0.4	10.8		483.84		
	ISA (65x65x8mm)	7	10	0.7	7.7		377.3		
	Wire rope	7	10	9.75	1.41		962.325		
	Plate (300x100x10mm	7	10	0.30x0.1x0.01x78			164.85		
							6464.68		
							6464.68		
							12281.48	**152.05**	**1867400.00**
48	Providing 2 Legged Scaffolding for Extended Cladding And Roofing work using 10 15 cms.dia best Quality casurina poles of 4m over all length (3m+0.5m projection +0.5m In to the ground).the distance between two rows being 1.25m and spacing of posts being 2m in both rows with 2 horizontal posts with 0.5mm overlap on either side and braces at 2 m c to c including longitudinal and transverse middle braces to step up and providing platform with casurina poles , forms tied up using coir rope complete as per specification.(P No 18,22,23 INo 4.43.1 Note no. 4 & 5 PWD S.R 2018-19)								
		Mtr							
	Eastern Side And Western side		2	50.85	--	8.00	813.60	**561.87**	**457140.00**

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Sl No	Description of work	Unit	No	Length m	Breadth m	Depth m	Quantity	Rate in Rs	Amount in Rs
49	PROVIDING TRAPEZOIDAL PROFILED SHEET Providing and installing of pre painted Galvolume iron Trpezoidal profiled sheet of approved make 1060mm width (1000mm cover width), 28-30 mm crest height with cest distance of 200 mm c/c with 2 ribs at the center for stiffening , The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc –Alu Alloy coating AZ 150 gsm as pe ASTM 1397/A755-550 mpa steel grade. 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling /self tapping screws of 25mm length,to be fixed over the existing purlins, rafters channel and trusses. (P.No.299, I.No.38.30 of PW,P&IWTD S.R 2018-19)								
		Sqm							
	Roof Gutter		2	50.85	1.50	--	**152.55**		
	For Side Cladding Extended area		2	50.85	1.50	--	**152.55**		
	For Roof extended Area		2	50.85	1.50	--	**152.55**		
	Canopy Roofing		2	4.50	4.00	--	**36.00**		
							493.65	**817.27**	403445
50	Providing and fixing of Aluminium composite panel of approved make and colour for wall cladding for straight Brick/Rcc /stone walls & coloumns/beams with necessary aluminium frame works at required level made out of 50x25x3mm 'C' section nor equalent. The panel should consist of 2.5mm thermoplastic core of antitoxic LDPE sandwiched between 0.25 skins thick aluminium sheet making a total panel thickness of 3mm. The surfaces will be finished with PVDF based coating on topsides and service coating on reverse sides would be in polyester paint. T he system shall be fixed using GI brackets, aluminium L cleats and stainless steel bolts and nuts complete with spring washer and cap nuts and all other necessary accessories, sealing shall be done using weather sealant of Dow Corning 789 with necessary nads etc complete. (P.No.30 I.No.7.18 PW,P&IWTD S.R 2018-19)								
	Canopy	**Sqm**							
	Top		2	4.50	3.50	--	31.50		
	Bottom		2	4.50	3.50	--	31.50		
	Side		4	3.50	0.30	--	4.20		
	Front		2	4.50	0.30	--	2.70		
	Window Chejja Top Sides		22	3.27	0.06	--	4.32		
	Windows Chejja Top		44	2.15	0.56	--	52.98		
	Window Sides		44	0.40	1.14	--	20.06		
	Windows Sides Bottom		44	0.56	0.06	--	1.48		
	Bottom		22	1.82	0.40	--	16.02		
	Mazzine Floor Balcony		1	20.80	0.50	--	10.40		
							175.15	**4680.29**	819757
51	Supply And fixing box type T5 4 x 54W Fluorescent tube fixture with Electronic control gear fitting, made out of M.S sheet and stove enameled with low loss open construction copper wound ferromagnetic ballast, starter, locking type brass contact holders , As per specifications and as directed by the engineer incharge. **(Market rate Excluding GST)**								
		Each	63	--	--		**63.00**	**36340.70**	2289463

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Sl No	Description of work	Unit	No	Length m	Breadth m	Depth m	Quantity	Rate in Rs	Amount in Rs
52	Providing and fixing Stainless steel 304 grade for staircase railing balconies, ramps, with hand rail, 50mm dia 16 guage hollow pipe wilded to vertical hollw 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia, stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. With Etched Glass The entire assembly is fixed to staircase concrete using by expansion bolts by drilling concerte etc., complete including cost of materials, labours, HOM of machineries and electrical charges, etc., complete as per specifications .as directed by the engineer incharge. **(Market rate, Excluding**								
	Mazzine Floor	**Sqm**	1	20.80	--	1.50	31.20		
	Stair case Railings		1	14.64	--	1.50	21.96		
							53.16	**18698.30**	**994002.00**
53	Providing and fixing storage unit of 0.75m depth made out 19mm thick commercial ply vertical support finished in approved 1.5mm laminate with 12mm thick ply packing internally finished with enamel paint of approved colour and shade shelves shall be formed out of 19mm ply finished with enamel paint of approved shade and colour and 19mm thick shutters formed out of 19mm thick ply finished with 1.5mm								
		Sqm	18	4.40	0.55	--	43.56		
			7	3.60	0.55	--	13.86		
							57.42	**15525.75**	**891488.48**
54	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification. (P.No. 126, I.No. 15.106 of SR 2018-19)								
		Sqm							
	Ceiling		1	12.50	4.57	--	57.13		
	Wall		2	6.25	2.90	--	36.25		
			4	4.57	2.90		53.01		
			1	4.45	2.90	--	12.91		
			1	2.10	2.90	--	6.09		
			12	1.06	0.90	--	11.45		
			2	1.20	0.90	--	2.16		
			1	2.72	0.90	--	2.45		
			8	2.15	0.90	--	15.48		
			2	2.43	0.90	--	4.37		
							201.29	**92.66**	**18650.83**
55	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer. (P. No. 119, I.No. 15.51.2 of SR 2018-19)								
	Ceiling		1	12.50	4.57	--	57.13		
	Wall		2	6.25	2.90	--	36.25		
			4	4.57	2.90	--	53.01		
			1	4.45	2.90	--	12.91		
			1	2.10	2.90	--	6.09		
			12	1.06	0.90	--	11.45		
			2	1.20	0.90	--	2.16		
			1	2.72	0.90	--	2.45		
			8	2.15	0.90	--	15.48		
			2	2.43	0.90	--	4.37		
		Sqm					**201.29**	**106.91**	**21520.18**

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Sl No	Description of work	Unit	No	Length m	Breadth m	Depth m	Quantity	Rate in Rs	Amount in Rs
56	Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, complete as per specifications.(P.No. 128, I.No. 15.105 of CSR 2018-19).								
				2.00	25.00	3.60	180.00		
	Full Building			2.00	56.70	3.60	408.24		
							588.24	**521.48**	**306758**
		Sqm							
57	Providing and fixing out door signage board with 20mm sunboard letters with MRF Vapour coated (54letters X 9 Inches) Gold plated letters 5mm thick acrilyic with laser cutting (301 letters) BBMP logo with 12mm Round glass (5 Feet with tongher for back) & 12mm acrilylic with eco solvent print as per design, including stnds, fiixng charges. "The board shall be fixed as per the drawing and at the place indicated by the engineer in charge of the work the cost includes bare cost of all materials, scaffolding,transportation charges, fixing charges, labour HOM Etc **(Market Rate Excluding GST)**								
	Item Not Operated								
58	KSRB 10-2: Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc, consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75kg/sqm conforming admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment, (b) laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including								
		Sqm							
	Toilet								
			1	12.90	4.63	--	59.66		
			1	2.40	2.40	--	5.76		
							65.42	**1195.02**	**78181.1**
60	Supplying Chairs including transportation with all lead, lift, loading and unloading charges etc. Complete as directed by engineer incharge								
		Each	100	--	--	--	**100.00**	**7149.35**	**714935.0**
	Watersupply, Sanitary Works.								
61	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 25mm nominal OD pipes (Page No. 99 Item No. 13.86.3 PWD SR 2018-19)								
	Toilet	**Mtr**	1	75.00			**75.00**	**348.05**	**26103.93**
62	Providing and fixing chorinated poly venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall)-20mm dia P.								

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Sl No	Description of work	Unit	No	Length m	Breadth m	Depth m	Quantity	Rate in Rs	Amount in Rs
	Toilet	Mtr	1.00	100.00			100.00	279.15	27915.46
63	Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials with 110mm outer dia(P.No.77, I.No. 11.56.2 of PWD SR 2016-17)								
	Pipe to drain		1	300.00			300.00		
		Mtr					300.00	719.86	215958.77
64	KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 (Page No. 79 Item No. 12.5 PWD SR 2018-19)								
		Each	7				7.00		
							7.00	5887.19	41210.35
65	KSRB13-6.1-2 : Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3.								
		Each	30				15.00		
							15.00	205.51	3082.58
66	KSRB13-5 : Providing and fixing water meter with stop cock, jam nut, socket in G.I pipe line including cutting and threading the pipe and making long screws including cost of all materials, labour, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.19 / 13.16 (P.No.93 I.No. 13.22 of CSR								
		Each	20				20.00		
							20.00	1568.02	31360.35
67	KSRB13-6.3-2 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3 (P.No. 93, I.No. 13.33 of PWD SR 2018-19)								
		Each	10				10.00		
							10.00	399.13	3991.32
68	KSRB 11-11.4 : Providing and fixing white vitreous china clay, flat back wash basin size 550x400mm with a single 15mm C.P brass pillar tap with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials,								
		Each	6.00	--	--	--	6.00	3588.62	21,532.00
69	Providing Pedestal for wash basin of approved 1st quality and make conforming to ISI specifications and fixing for low down cistern as directed, rate includes cost of materials and conveyance to work spot. (P.No.89, I.No.12.108 of PW,P&IWTD S.R.2018-19)								
		Each	6.00	--	--	--	6.00	1069.10	6,415.00
70	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in CC 1:2:4 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in CC 1:2:4 as per directions (Rate is								
		Each	20.00	--	--	--	20.00	296.97	5,939.00

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Sl No	Description of work	Unit	No	Length m	Breadth m	Depth m	Quantity	Rate in Rs	Amount in Rs
71	KSRB 11-7.1 : Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430x260x350mm with 5 litres PVC automatic flushing cistern, C.I / M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11(P.No.80, I.No.12.7 of PW,P&IWTD S.R								
		Unit	5.00	--	--	--	5.00	3649.20	18,24
72	KSRB 11.15.3: -Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost materials, labor complete as per specifications (P.No.84,								
		Each	7	--	--	--	7.00	1349.45	9446
73	KSRB 11-17-1: Providing and fixing C.P. brass towel rail 740mm length, 20mm dia with C.P. brackets, fixed to wooden cleats with C.P. brass screws including cost of materials, labor complete as per specifications. (P.No.85, I.No.12.45 of								
		Each	7	--	--	--	7.00	877.85	6144
74	KSRB 13.11.1: Providing and placing on terrace. Polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 litre capacity) Specification NO. KBS 13.22 (P.No 96,								
		Nos	2.00	--	--	--	2.00	8110.93	16,222
75	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS. (P.No. 103, I.No. 14.6 PWD 2018-19)								
		Sqm							
	Building Front		1	5.00	--	1.50	7.50		
							7.50	1250.85	9,381
	INTERNAL ELECTRICAL WORKS:								
79	Concealed Conduit System Supplying.....mm dia 2mm/2.5mm thick heavy gauge PVC conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures. run with 18SWG GI fish								
	b) 25mm dia 2mm thick								
		Per Mtr	--	--	--	--	700.00	58.29	40,806
80	Groove cutting in the wall supplying ....dia 2mm/2.5mm thick heavy gauge PVC Conduit Pipe with bends, metal junction boxes adhesive paste etc.,and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18								
	b) 25mm dia 2mm thick								
		Per Mtr	--	--	--	--	750.00	59.39	44,545
81	Point wiring using Copper wire with switch. Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be								

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Sl No	Description of work	Unit	No	Length m	Breadth m	Depth m	Quantity	Rate in Rs	Amount in Rs
a)	I. Point wiring using class A Materialsa) Short point up to 3Mtr from								
		Each Point	--	--	--	--	44.00	219.98	9,679.12
b)	I. Point wiring using class A Materials b) Medium point above 3Mtr up to 6Mtr from tapping point to out let via switch I.No 2.1.2								
							78.00	302.47	23,592.86
c)	I. Point wiring using class A Materials c) Long point above 6Mtr up to 10Mtr from tapping point to out let via switch I.No 2.1.3								
	GF	Each Point	--	--	--	--	70.00	439.96	30,797.20
82	Supplying 6A flush/projected type socket and 6 amps flush/projected type SP switch either surface/flush mounting in a existing gang box or in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity								
	b) 6Amps 3/5 Way								
		Each	--	--	--	--	80.00	145.19	11,614.94
83	Supplying and mounting 2 Nos. of 2 way 6 amps flush type switches either surface/flush mounted on existing gang box or in 4mm thick plastic sheet and mounted on a flush mounted wooden box and wiring as required.(P.No.15,								
							8.00	164.99	1,319.88
84	Supply and fixing of bakelite D.P/Socket/ switch with/without neon indicator over existing wood board or flush mounting in plastic plates/nitches.(P.No.15, I.No.3.1.2								
	I. Using Group 'A' Material. a) 32Amps Flush/projected type DP switch								
							17.00	200.18	3,403.09
	I. Using Group 'A' Material. c) 16Amps Flush type Universal socket								
		Each	--	--	--	--	17.00	107.79	1,832.43
	I. Using Group 'A' Material. e) Electronic stepped regulator.								
		Each	--	--	--	--	15.00	232.08	3,481.18
85	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multistrand Copper conductor single core cable in open or concealed system of wiring .(P.No.6, I.No.2.5.7 of PW,P&IWTD S.R 20119-20)								
	I. Group A. 2C.2.5 sqmm								
		Mtr.	--	--	--	--	3100.00	76.99	238678.30
86	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulators etc., and fixing on existing wooden or metal box using N.F. screws.(P.No.17, I.No.3.9 of PW,P&IWTD S.R 2019-20)								
							500.00	0.26	131.99
		Sq.Cm							
87	Extra for supplying 4mm thick white plastic plate and covering for junction boxes of size ……mm conduit using necessary machine screws.(P.No.17, I.No.3.10.2 of								
	b)110mm	No					15	12.10	181.00
88	Extra for supplying 4mm thick white plastic plate and covering for junction boxes of size ……mm conduit using necessary machine screws.(11/26)								
	b)110mm	No	--	--	--	--	20.00	12.10	242.00
89	Supplying And Fixing Metal Fan Box with Round Hook.(11/32)								
		No	--	--	--	--	13.00	93.49	1215.39
90	Supplying and fixing PVC conduit deep Junction boxes Pg 2 item 1.5								
	19/20mm deep juncti	Nos	--	--	--	--	30.00	47.30	1419.00
	25mm deep Junction boxes		--	--	--	--	25.00	51.70	1292.00

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